



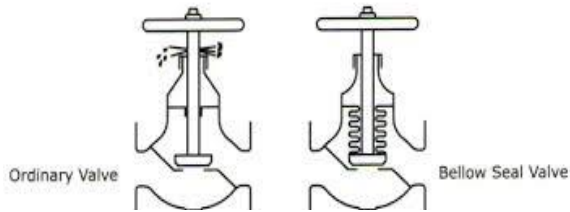
CAST STEEL BELLOWS SEAL GLOBE VALVE PN40

Design Specifications: Fig. 135-112

VS Cast Steel Bellows Seal Globe Steam Stop Valve PN40
 Design Specification: EN 13709
 Face to face Dimension: EN558-1 G1
 Flange end Dimension: EN1092-1
 Test Conforms to EN 12266-1
 Flanged ends as per DIN 2533 (PN 16) for valves up to 150mm
 Flanged ends as per DIN 2533 (PN 10) for valves up to 200mm Valve
 construction & testing as per Din 86251/BS:5152

Temperature Range:

-29°C~ +425°C (1.0619N) Cast Steel
-196°C~ +600°C (1.4408) St. Steel



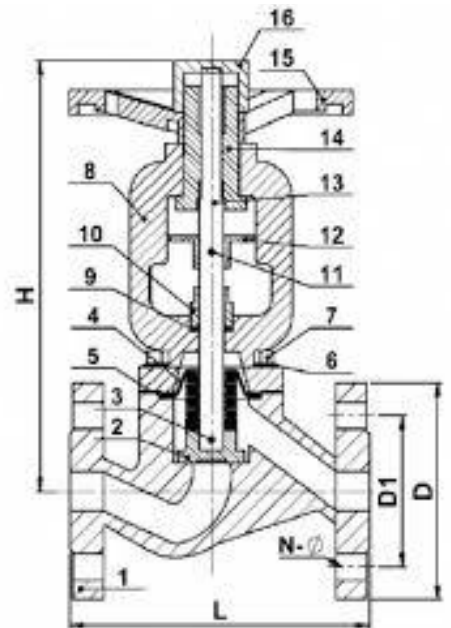
Bellows are specifically designed to maintain a pressure seal within the relative motion caused by opening and closing the valve.

Design Specifications

Valve size	150mm & below	200mm
Rating	PN40	PN16
Body Test Pressure	26kg / cm ² g (Hyd.)	17kg / cm ² g (Hyd.)
Seat Test Pressure	16kg / cm ² g (Hyd.)	10kg / cm ² g (Hyd.)
Backseat Pressure	16kg / cm ² g (Hyd.)	10kg / cm ² g (Hyd.)

Valve Dimensions (mm)

Nominal Size	L	H (Open)	HW Dia.
15	130	220	100
20	150	220	100
25	160	230	100
32	180	260	125
40	200	270	160
50	230	290	160
65	290	340	200
80	310	400	200
100	350	450	250
125	400	500	250
150	480	550	315
200	600	600	400
		Maximum	



Components

Material

Material Specification

Body, Bonnet, Valve Disc, Gland & Handwheel	Carbon or 316 St. Steel	1.0619/14409
Body Seat Ring, Valve Disc Ring, Spindle, Yoke Bush & Check Nut	Stainless Steel	AISI 410
Gasket	Comp. Asbestos Fibre	15:2712 Gr .C
Gland Packing	Graphited Asbestos	
Fasteners	Mild Steel/316SS	15:226/316SS

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FLEU